BASINGAI, Antoni; SIAMAC M., Michalina; PHLAT, Danuta

Studies on the mechanism of purification of silver halide sols by means of ion-exchangers. Pt.5. Rocz chemii 37 no.2: 201-206 163.

1. Department of Physical Chemistry, Copernicus University, Torun.

WAWRYK, Roman; SIEROM Gerard.

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(IMPANT, HENDORN length & weight, relation to maternal occupation (Pol))
(BODY WEIGHT, in infant and child, birth weight, eff. of maternal occup. (Pol))
(BODY HEIGHT, in infant and child,

birth length, eff. of maternal occup. (Pol))

MUSIOLIK, Marian; GORNA, Maria; SIERON, Gerard

Results of examinations of women working in the coal industry. Gin. polska 28 no.5:559-569 Sept-Oct 57.

1. Z Kliniki Poloznictwa i Chorob Kobiecych Sl. A. M. w Zabrzu
Kierownik: doc. dr W. Starzewski i z Panstwego Instytutu Medycyny
Pracy w Przemysle Weglowym i Hutniczym w Zabrzu-Rokitnicy. Dyrektor:
prof. dr B. Nowakowski. Adres: Rybnik, ul. Tuwima 2.

(GYNECO OGICAL DISEASES, statist.
in women workers in coal indust. in Poland (Pol))

GLOWINSKI, Mieczyslaw; LIMANSKI, Marian; SIERON, Gerard

Determination of largactil in urine of puerperae and newborn infants by means of paper chromatography. Polski tygod.lek. 15 no 14:497-501 4 Ap. 160.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych Sl. A.M.; kierownik: prof.dr Wojciech i tarsewski i s Wojewodzkiej Przychodni Immunopatologii Ciasy i Nowcrodka w Katowicach; kierownik: dr Marian Skorczynski.

(CHLO:PROMAZINE urine) (IMPANT NEWBORN urine) (PURN TRIUM urine)

STARZEWSKI, Wojciech; GLOWINSKI, Mieczyslaw; MUSIOLIK, Marian; SIERON, Gerard; SMOK, Jan; WARONSKI, Wlodzimierz

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1. Z I Eliniki Poloznictwa i Chorob Kobiecych Sl. A.M. w Zabrzu, kierownik: prof dr W. Starzewski.

(BLOOD CONGULATION)

(PREGNANCÍ blood)

STARZEWSKI, Wojciech; GLOWIN: KI, Mieczyslaw; MUSIOLIK, Harian; SIERON, Gerard; SMCK, Jan; W.RONSKI, Wlodzimierz

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1. Z I Kliniki Poloznictwa i Chorob Kobiecych Slaskiej A.M. w Zabrzu Kierownik: prof. dr W. Starzewski.

(PREGNANCY blood)
(LABOR blood)
(PUMPPRIUM blood)
(FIBRINOGEN)
(FIBRINOLYS(S)

STARZEWSKI, Wojciech; GLOWINSKI, Mieczyslaw; MUSIOLIK, Marian; SIERON, Gerard; SMOK, Jan; WARONSKI, Wlodzimierz

Blood coagulation in pregnancy, labor and puerperium. III. Prothrombin and factor VII in pregnancy, labor and puerperium. Gin. polska 31 no.6:661-667 N-D *60.

1. Z I Klimiki Polozmictwa i Chorob Kobiecych Slaskiej AM. w Zebrsu Kierownik: prof. dr W. Starsewski.

(PREGNANCY blood) (LABOR blood) (PUERPERIUM blood) (BLOOD COAGULATION)

STARZEWSKI, Wojciech; GLOWINSKI, Mieczyslaw; MUSIOLIK, Mariam; SIERON, Gerard; SMOK, Jam; WARONSKI, Wlodzimiers

Blood coagulation in pregnancy, labor and puerperium. IV. Factor V in pregnancy, labor and puerperium. Gin.polska 31 no.6:669-674. N-D '60.

1. Z I Klimiki Poloznistva i Chorob Kobiesych Slaskiej AM w Zabrsu Kierownik: prof. dr W. Starzewski.

(PREGNANCY blood) (LABOR blood) (PUERPERIUM blood) (BLOOD COAGULATION)

SIERON, Gerard

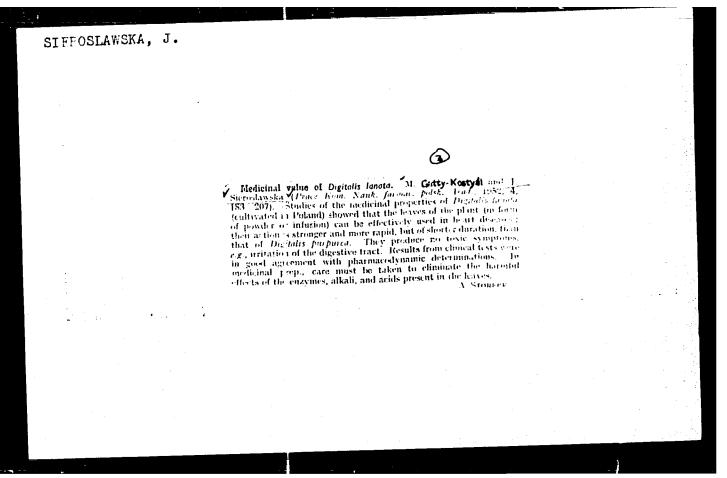
Attempted regulation of the blood serum iron level with the aid of phenactyl in cases of threatened abortion. Ginek. pol. 34 no.5:583-588

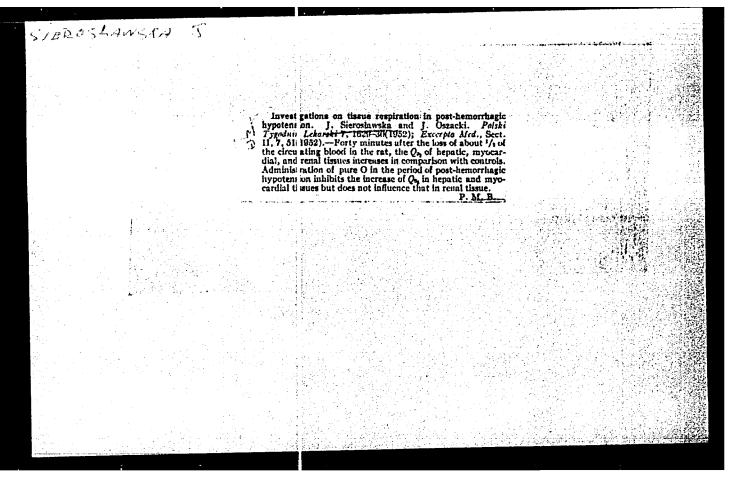
1. Z I Kliniki Poloznictwa i Chorob Kobiecych Sl. AM w Zabrzu. Kierownik: prof.dr.med. M.Glowinski

SITERCULAM KA, J.

Chemical Abst. Vol. 48 No. 9 May 10, 1954 / Biological Chemistry Tordcity of pentothal. J. Sierosławska! (Acad. Medi) Kraków). Polska Akad. Umurcinoka, Prace Komirji Nauk Farm., Distertationes Pharm. 4, 1-31(1952).—Pentothal anesthesia (in single or multiple doses) (1) caused a decrease in blood glucose in rabbits, (2) did not affect the hyperglycemic curve after intravenous high-glucose feeding, (3) accelerated the return to normal of the sugar curve after intravenous infusion of galactose and adrenaline, (4) did not affect the rate of disappearance of bromosulfophthalcin from blood, (5) did not affect the blood nonalbumin protein and chlorides, (6) caused an insignificant anemia with lowering of hemoglobin content without affecting the white cell picture, (7) did not affect the resistance of reticulocytes, (8) had no effect on a hypotonic state. (9) did not cause sulf-hemoglobinemia or methemoglobinemia, (10) caused hyperemia in liver, kidneys, spleen, and cardiac muscle without degenerative or necrotic anatomical changes. Therefore the toxicity of pentothal was found to be low in anesthetic dosal. 53 references.

L. J. Piotrowski.





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1. Of the Pharmaco-Dynamics Laboratory (Head--Prof. J. Hano, M.D.) and of the Third Surgical Clinic (Head--Prof. J. Jasienski, M.D.). Krakow Medical Academy.

SIEHOSLAWSKA, Janina; OSZACEI, Jan

Tissus respiration in tourniquet shock. Polski tygod.lek. 10 no.27:902-903 4 July '55.

1. Z Pracewni Farmakedymaniki A.M. w Krakewie; kierewnik:
pref. dr J. Hane i z III Kliniki Chirurgicznej A.M. w Krakewie;
kierewnik: pref. dr Jerzy Jasienski) Pracewnia Framakodymaniczna Wdyz. Farm.A.M. w Krakewie, ul. Grzegorzecka 16.

(SHOCK, experimental,
tissue resp. in teurniquet shock)
(METABOLISM, T. SSUE,
in teurniquet shock)

SIEROSLAVSKA, Janina; OSZACKII, Jan.

Tissue respiration in cutaneous burns in rats. Polski tygod.lek. 10 no.44:1450-1451 31 Oct 55.

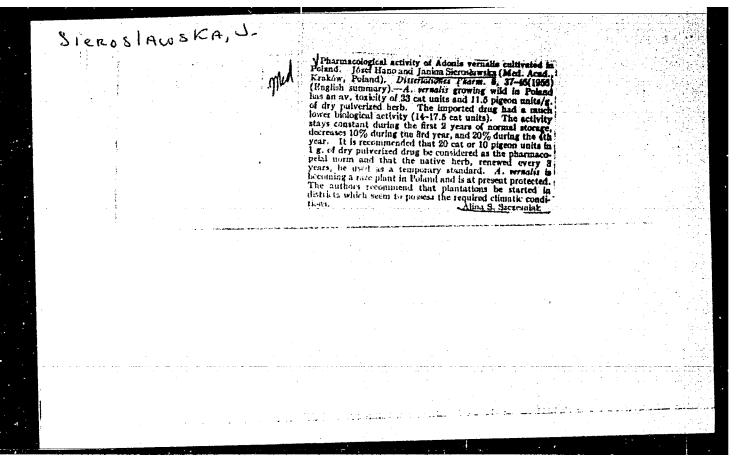
1. Z Pracowni Farmako lynamiki A.M. w Krakowie; kierownik: prof. dr. J.Hano z III Kliniki Chirurgicznej A.M. w Krakowie; kierownik: prof. dr. J.Jasienski. Prac wnia Farmakodynamiczna Wydz. Farm. A.M. w Krakowie, ul. Grzegorzecka 16.

(BURES, experimental, tissue resp. in)
(METABOLISM, TISSUE, in resp. of tissue in exper. burns)

HANO, J., SIEROSLAWSKA, J.

Investigations on biological action of Adonis vernalis L. Acta Poloniae pharm. 11 Suppl.:70-72 1955.

1. Pracownia Farmakovynamiki A.M., Krakow. (ADONIS, vernalis, biol. action)



OSZACKI, Jan; SIEROSLAWSKA, Janina

Effect of injury on oxygen intake by tissue. Polski
przegl. chir. 28 no.5:451-453 May 56.

1. Z Pracowni Farmakodynawiki A.M. w Krakowie, Kierownik:
prof. dr. J. Hano i z II Kliniki Chirurgicznej A.M. w Krakowie
Kierownik: prof. dr. K. Michejda Krakow, ul. Kopernika 21.

(METABOLIS',
oxygen consumption, eff. of exper. inj. (Pol))

(WOUNDS AND INJURIES, experimental,
eff. on oxygen consumption (Pol))

SIEROMIANSKA, Janina

Pharmacological properties of gamma-aminobatyric acid (GABA) and its derivatives. Fost. hig. med. dosw. 18 no.3:413-462 *64

1. 7 Zakladu Farmakodynamiki Akademii Medycznej w Frakowie (Kierownik: prof. dr. J. Hano).

SIEROSLAWSKA, Janina

Pharmacologic properties of Y-aminobutyric acid and its derivatives. II. Effect on the central and peripheral nervous system. Arch. immun. ther. exp. 13 no.1270-126 165

1. Department of Pharmacodynamics, School of Medicine, Gracow.

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SIEROSLAWSKA, Teodorja

Electrophoretic picture of blood serum proteins after therapy with typhoid vaccine. Klin.ocsna 30 no.2:163-165 '60.

1. Z Kliniki Ocsnej A.M. we Wroclawiu. Kierownik: prof.dr med. W.J. Kapuscinski.

(BLOOD PROTEINS)

(TYPHOID immol.)

(VACCIMATION)

(ETE dis.)
```

SIEROSLAWSKA, Teodozja

A case of carcinoma planocellulare of the conjunctiva and cornea. Klin.oczna 30 no.3;283-286 *60.

1. Z Kliniki Ocznej A.M. we Wrocławiu. Kierownik: prof. dr med. W.M.Kapuscinski.

(EYE neopl) (CARCINOMA casereports)

CONTROL OF THE CONTRO

KAPUSCINSKI, Witold J.; MEJBAUM-KATZENELLENBOGEN, Wanda; SIEROSLAWSKA, Teodozja

Paper electrophoresis of proteins in the aqueous humor in experimental uveitis in the rabbit. Klin.ocsna 31 no.4:325-330 61.

1. Z Kliniki Ocznej AM we Wrocławiu Kierownik: prof. dr med. W. J. Kapuscinski Z Zakladu Chemii Fizjologicznej AM we Wrocławiu Kierownik: prof. dr W. Mejbaum-Katzenellenbogen.

(UVEITIS exper) (PROTEINS metab) (AQUEOUS HUMOR metab) (ELECTROPHORESIS)

SIEROSLAWSKA, Teodozja

的大量的,这种种的基础的特别的不是实现的特别的特别的特别的特别的特别的特别的特别的特别的特别的特别的特别的特别。 由于自己的特别的一种,但这个特别的自己的特别的可以不同的

On electrophoresis of the lens. Klin. oczna 32 no.2:105-110 62.

1. Z Kliniki Chorob Oczu AM we Wroclawiu Kierownik: prof. dr med. W. J. Kapuscinski.

(LENS CRYSTALLINE chem) (ELECTROPHORESIS)
PROTEINS chem)

SIEROSLAWSKA, Teodozja; BRODZIAK, Kazimiera

就是在大型的形式,我们就是我们的现在分词,这样是一点。""你们,我们就是我们的一个人,我们就是我们的一个人,我们就是我们的一个人,我们就是我们的一个人,这个人,

Influence of chymotrypsin on adhesion of the fron part of the choroid. Klin. oczna 32 no.3:215-219 '62.

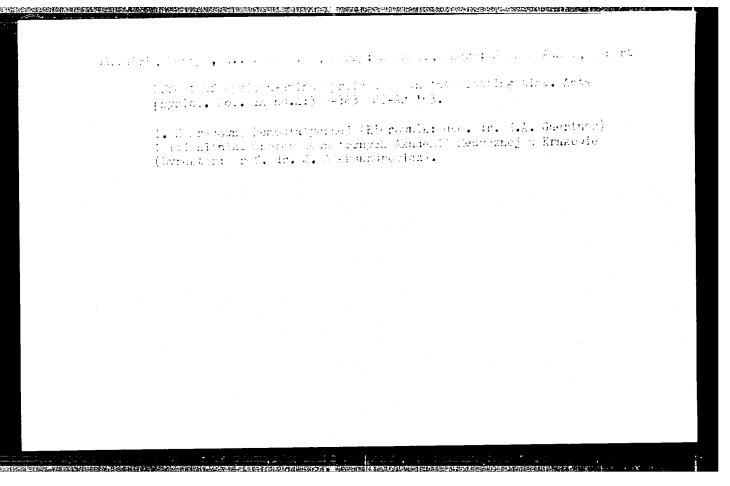
1. Z Kliniki Chorob Oczu AM we Wroclawiu Kierownik: prof. dr med.

W. Kapuscinski.

(CHYMOTRYPSIN)

(CHOROID)

(SCLERA)



SIEROSZEWSKI, Jozef; SAKOWSKI, Jan; MALEWSKI, Konrad

是是我们就是我们的对抗,我们就是我们的现在,我们就是我们的,我们就是我们的,我们就是我们的,我们就会没有一个,我们就会没有一个,我们就会会会会会会会会会会会会

Treatment of thrombosis of the lower extremities by drip transfusion of the blood or plasma. Polski tygod. lek. 9 no.38:1236-1237 20 Sept 54.

1. Z Kliniki Polosnictwa i Ghorob Kobiecych A.M. w Lodzi, kierownik: prof. dr med. J.Sieroszewski.

(BLOOD TRANSFUSION, in various diseases, thrombosis of leg, drip transfusion) (THROSEOSIS, leg, ther., drip blood transfusion)

(IEG. BLOOD SUPPLY, thrombosis, ther., drip blood transfusion)

。 一种,我们就是一种,我们就是一种,我们就是一种,我们就是是一种,我们就是我们就是这种,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是

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SIEROSZENSKI, Józef.

Prof. Dr Wilhelm Wiodzimierz Sowiński. Gin. polska 27 no.1:
1-6 1956.

(OBITUARIES,
Sowiński, Wilhelm W.)
(BIOGRAFHIES,
Sowiński, Wilhelm W., bibliog.)
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SIKROSZEWSKI, Józef.

Precancerous conditions of the uterus. Gin. polska 27 no.1: 99-109 1956.

1. Z I Kliniki Chorob Kobiecych i Polosnictwa A.M. w Lodsi Kierownik: prof. dr J.Sierossewski. Lódś, Moniusski 1. (UTERUS, neoplasms, precancer (Pol))

Cynecological dispensary for children. Gin. polska 28 no.5: 571-578 Sept-Oct !6.

1. Z Kliniki Polomictwa i Chorob Kobiecych A.M. w Lodzi Kierownik: prof. Gr. med. J. Sieroszewski, A. Komorowska, Lodz, Plac Dabrowskiego 2.

(CLINICS, pediatric gyn., organiz. & work in Poland (Pol))

(GYNECOLOGIC.L DISEASES, in infant and child clinics, organiz. & work in Poland (Pol))

(PEDIATRIC D.SEASES

gyn., clinics, organiz. & work in Poland (Pol))

```
SIEROSZEMSKI, Josef (Lodz, Piotrkowska 203 m. 5.)

Surgery of vesicovaginal & rectovaginal fistulme using a modified Sposokukocki technic. Gin. polska 29 no.2:195-200 Mar-Apr 58.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych A. M. w Lodzi Kierownik: prof. dr med. J. Sieroszewski.

(FISTUIA, VESICOVAGINAL, surg. technic (Fol))

(VAGINA, fistula rectovaginal, surg. technic (Pol))

(RECTUM, fistula same)
```

SIEROSZEWSKI, Jozef; LAUDENSKA, Estella; NOWICKI, Zbigniew

Surgical therapy of inflammatory conditions of the adnexa uteri. Gin.polsks. 30 no.6:713-727 N-D '59.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych A.M. w Lodzi Kierownik: prof. cr J. Sieroszewski. (ADMEXITIS surg)

SIKROSZEJSKI, J.; PAJSZEZYK, L.; KESZKIEMICZ, E.

On the incidence of shock in relation to the course or pregnancy and labor. Akush.i gin. 36 no.1:42-45 Ja-F *60.

(MIRA 13:10)

(PREGNANCY, COMPLICATIONS OF) (SHOCK) (LABOR, COMPLICATED)

SIEROSZEWSKI, Josef; KICINSKI, Janusz; NOWICKI, Zbigniew; PAJSZCZYK-KIESZKIEWICZ, Termsa; WOLODZKO, Leon

Heart defects from the obstetric viewpoint. Gin. polska 32 no.2:135-144

16.

1. Z I Kliniki Polosnictwa i Chorob Kobiecych A.M. w Lodsi Kierowaniki prof. dr J. Sierossewski (HEART DISEASE in pregn)
(PREGN.INCY compl)

SIEROSZEWSKI, Josef; Liudanska, Estella; SAKOWSKI, Jan; KROLIKOWSKA, Maria; NOWICKI, Zbigniew; LACHOWICZ, Lilla

Selected hemodynamic problems in 3d stage of labor. Gin. polska 32 no.2:177-184 '61.

1. Z I Kliniki Polosnictwa i Chorob Kobiecych A.M. w Lodsi Kierownik: prof. dr J. Sierossewski (LABOE blood)

SIEROSZEWSKI, Jozef: LAU)ANSKA, Estella; SAKOWSKI, Jan; KROLIKOWSKA, Maria; NOWICKI, Zbignie:

Hemorrhage in 3d stage of labor. Gin. polska 32 no.2:185-190 '61.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych A.M. w Lodsi Kierownik: prof. dr J. Sieroszewski (HEMORR HAGE POSTPARTUM)

SIEROSZEWSKI, Jozef; LAUDANSKA, Estella; SAKOWSKI, Jan; KROLIKOWSKA, Maria NOWICKI, Zbigniew

Pharmacological management of 3d stage of labor. Gin. polska 32 no.2:197-201 '61.

1. Z I Kliniki Polosnictwa i Chorob Kobiecych A.M. w Lodsi Kierownik: prof. dr J. Sierossewski (HEMORRHAGE POSTPARTUM prev & control)

SIEROSZEWSKI, Jozef; PAJSZCZYK, Teresa; KIESZKIEWICZ, Jersy

Shock in obstetrics (according to clinical data in the period of 1955-1959. Gin. polska 32 no.2:203-214 '61.

1. Z I Kliniki Polosnicton & Chorob Kobiecych A.M. w Ledsi Kierownik: prof. dr J. Sierossewski (SHOCK in pregn) (PREGNANCY compl) (LABOR compl)

SIEROSZEWSKI, Jozef; SAKOWSKI, Jan

Author's own method in the treatment of thrombotic conditions of the lower extremities. II. Gin. polska 32 no.2:265-275 '61.

1. Z I Kliniki Polosnictwa i Chorob Kobiecych A.M. w Lodsi Kierownik: prof. dr J. Sieros sewski (THROMBOE GOLISM sher)

SIEROSZEWSKI, Josef, LAUDANSKA, Estella

Aldridge-Meredith method for total abdominal hysterectomy. Gin. polska 32 no.2:276-280 '6...

1. Z I Kliniki Polosnictwa i Chorob Kobiecych A.M. w Lodsi Kierownik: prof. dr J. Sieros:ewski (HYSTEREC':OMY)

SIEROSZEWSKI, Jozef; SAKOWSKI, Jan

Gynecological operations (1960-59). Gin. polska 32 no.2:281-290 '61.

1. Z I Kliniki Polosnictwa i Chorob Kobiecych A.M. w Lodsi Kierownik: prof. dr J. Sierossewski (GENITALIA FEMALE surg)

SIEROSZEWSKI, Jozef; KOMOR WSKA, Alina; KURNATOWSKA, Alicja; LINIECKA, Janina

Fugus infections of the vulva and vagin in young girls. Gin. polska 32 no.4:491-502 '61.

1. Z I Kliniki Polosnictwa i Chorob Kobiecych AM w Ledsi Kierewnik: prof. dr J. Sieros sewski Z Zekladu Biologii i Parasytelegii Lekarskiej AM w Lodzi Kierownik: doc. dr R. Kadlubowski

(VULVA dis) (VAGINA dis) (MYCOSIS in inf & child)

CIESLINSKI, Stanislaw; LEN(O, Jan; SIEROSZEWSKI, Jezef

A case of vesicovaginal fistula. Gin. polska 32 no.5:573-576 '61.

1. Z Kliniki Urologicznej Wojskowej AM w Lodzi Kierownik: doc. dr J.Lenko i z Kliniki Chorob Kobiecych i Poloznictwa Wojskowej AM w Lodzi Kierownik: rrof. dr J.Sierowszewski. (VESICOVAGINAL FISTULA case reports)

PAWLIKOWSKI, Tadeusz; SIZROSZEWSKI, Jozef; BOJANOWICZ, Kazimierz; RETERSKI, Zdzislaw

A case of true hermaphroditism with unusual formation of the urogenital system. Endokr. pol. 14 no.4:317-327 163.

l. I Klinika Chorob Wewnetrznych A.M. w Lodzi Kierownik: prof. dr J.W. Grott Zaklad Endokrynologii A.M. w Lodzi Kierownik: prof. dr T. Pawlikowski I Klinika Poloznictwa i Chorob Kobiecych A.M. w Lodzi Kiercwnik: prof. dr J. Sieroszewski. (HERMAPHRODITISM)

SIEROSZEMSKI, Jozef; LAUDANSKA, Estella; MAZUREK, Ludwik; TERLECKA, Helena, CWOZDZ, Antoni; WISHIOWSKA, Alicja.

Urological changes following extensive gynecological surgery. Pol. przegl. chir. 36 no.2:177-184 F*64

1. Z I Kliniki Chorob Kobiecych AM w Lodzi (kierownik: prof.dr. J.Sieroszewski) i z Oddzialu Urologicznego (kierownik: doc. dr. L. Mazurek) i I Kliniki Chirurgicznej AM w Lodzi (kierownik: prof.dr. M.Stefanowski).

GAERTNER, Henryk; LISIEWIC:, Jerzy; SIEROFSLAWSKI, Hubert; SZIRMAI, Endre

The inactivation on thrombin by normal human urine. Pol. tyg. lek. 18 no.3:84-86 14 Jil '63.

1. Z Pracowni Hemo: tatycznej; kierownik: dr H. Gaertner, III Kliniki Chorob Wewnetrznych AM w Krakowie; kierownik: prof. dr J.Aleksandrowics. (THROMBIN) (URINE) (HYDROGEN ION CONCENTRATION)

SIEROTHINSTI S

SIEROTWINSKI, S.

Seweryn Goszczyniki! <u>Dziennik Podrozy do Tatrov (Diari from a Journey to the Tatra Mountains)</u>: a book review.

P. 177 (Wierchy) Vol. 25, 1956, Arakow, Poland.

SO: MONTHLY INDEX OF EAST EUROFEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

SIEROTWINSKI, S.

3/5/10 10 31 4

Did Goszczynski reach Ornak?

p. 264 (Wierchy) Vol. 25,1956, Krakow, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NOL 1, JAN. 1958

SIMMERNIKI, Leonard

Collination of the production capacity in the cable industry. Froblemy proj but maszym 10 no.98288-292 5.63

1. Prozemet, Window.

MANICKI, Jersy; SIERPINSKI, Maciej; STANKIBNICZ, Lech

Effect of stimulation of the vagus nerve on nitrogen balance in dogs. Polski tygod.lek. 10 no.24:811-812 13 June '55.

1. Z II Kliniki ^Chirurgicsnej A.M. w Warssawie; kierownik: prof.dr med.Jan Mossakowski) Jablonna, k. Warssawy, ul. Modlinska 63.

(MERVES, VACUS, physiology, eff. of stimulation on nitrogen balance in dogs) (NITHOGEN, metabolism, eff. of vacus stimulation in dogs)

```
MANICKI, Jersy; SIERPINSKI, Maciej; STANKIEWICZ, Lech; RESZKE, Halina; ZIENKIEWICZ, Konrad.

The effect of high-fat diet on protein absorption in patients with esophageal strictures. Polski tygod. lek. 11 no.2:49-5; 9 Jan 56.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie: kier: Kliniki: prof. dr. med. Jan Mousakowski. Jablonna k. Warszawy, ul. Modlinska 63.

(ESOPHAGUS, stemosis protein metab. in, eff. of high-fat diet)

(PROTEIE, metab. in stemosis of esophagus, eff. of high-fat diet)

(DIETS high-fat, eff. on protein metab. in esophageal stemosis)

(FATS, eff. high-fat diet, eff. on protein metab. in esophageal stemosis)
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SIERPINSKI, Maciej

Sarcoma of the gall pladder. Pol. przegl. chir. 34 no.10:1015-1017

1. Z II Kliniki Chi:urgicznej AM w Warszawie Kierownik: doc. dr Z. Lapinski. (SARCOMA) (GALLBLADDER)

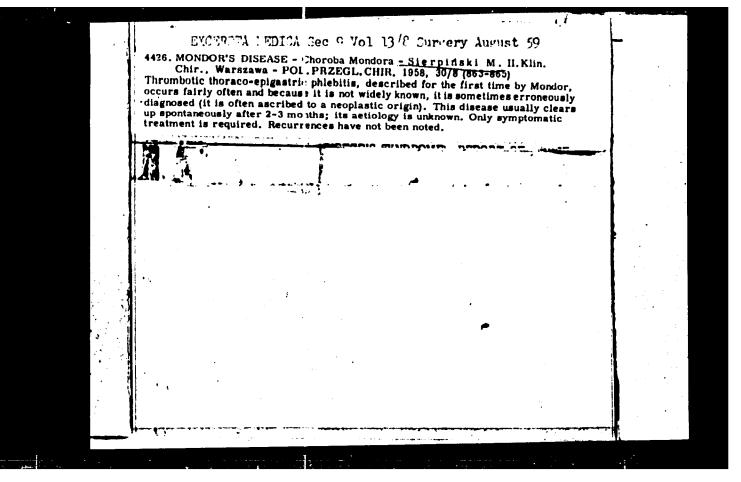
Abscess of the liver as a complication of amebiasis. Pol.
tyg. lek. 18 no.26:51-952 Je '63.

1. Z II Kliniki Chirurgicznej AM w Warezawie; kierownik
Kliniki: doc. dr med. Z. Lapinski.
(LIVER AB:CESS, AMEBIC) (DIIODOHYDROXYQUIN)
(IODOCHLO HYDROXYQUIN) (COLITIS, ULGERATIVE)
(EMETINE) (CHLORTETRACYCLINE) (CHLOROQUINE)

GRABOWSKI, Stefan; SIERPINSKI, Maciej

Our experience with the treatment of surgical wounds with the use of Redon-Yost's hypotension. Pol. tyg. lek. 19 no.32:1236-1237 10 Ag *164.

l. Z II Kliniki Chirurgiczne i Akademii Medycznej w Warszawie (kier.: doc. dr mec. Zdzislaw Lapinski).



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GAFTEK, Ya.; KOZNEVSKAYA, G.; SHLETSKIY, B.; SERPINSKIY, S.; STEMPEN¹, L.;

TOCHEK, S.

Investigations on the pathophysiological mechanisms of speech
disorders in focal affections of the dominant hemisphere of the
brain. Edur. nevr. i psikh. 55 no. 12:922-927 '55. (NIRA 9:2)

1. Otdel neyrokhirurgii Gosudarstvennogo psikhonevrologicheskogo
instituta (dis.-prof. Z. Kuligovskiy) Varshava.

(SPEECH, DISORDERS, etiology and pathogenesis,
brain lesions of dominant hemisphere)

(ERAIN, diseases,
lesions of dominant hemisphere causing speech disord)
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STEPIEN, Lucjan; SIERPINSKI, Stanislaw

Effect of focal lesions of the brain on recent visual and auditory memory in men. Rozpr.wydz.nauk med. 6 no.2:203-226 '61.

1. Z Zakladu Neurochirurgii Polskiej Akademii Nauk Kierownik: prof. dr med. L. Stepien.

(BRAIN wds & inj) (MEMORY) (VISUAL PERCEPTION)
(HEARING)

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SIERPINSKI, Stanislaw; TOCZEK, Stanislaw

Anomalous course of posterior inferior cerebellar arteries as a cause of the clinical picture simulating syndrome of posterior cranial fossa tumor. Herologia etc. polska ll no.6:757-766 '61.

- 1. Z Kliniki Neurochirurgii AM w Warszawie Kierownik: prof. dr med.
- J. Chorobski. (CEREBELLUM blood supply) (BRAIN NEOPLASMS diag)

GRUSZKIEWICZ, J.; MAZUROWSII, W.; SIERPINSKI, S.; SWITKA, S.

An unusual case of a foreign body in the lateral cerebral ventricle. Neurol. neurochir. psychiat. pol. 12 no.1:135-137 62.

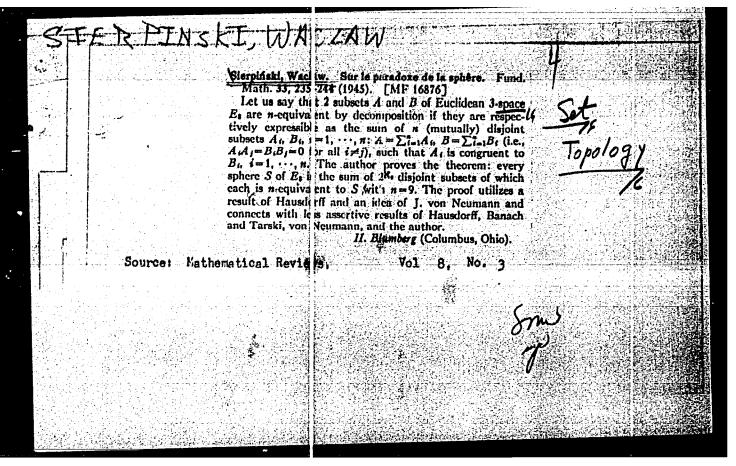
1. Z Kliniki Neurochirurgicznej AM w Warszawie Kierownik: prof. dr J. Chorobski i z III Kliniki Chirurgicznej AM w Warszawie Kierownik: prof. dr J. Raczynski.

CEREBRAL VENTRICLES for body)

GRUSZKIEWICZ, J.; MAZUROWSKI, W.; SIERPINSKI, S.; SWITKA, A.

A case of a peculiar foreign body in the lateral ventricle of the brain. Neurol neurochir psych 12 no.1:135-137 Ja- F *62.

1. Klinika Neurochii urgicsna, Akademia Medycsna, Warszawa; Kierownik: prof. dr J. Chorobski; i III Klinika Chirurgiczna, Akademia Medycsna, Warszawa; Kierownik; prof. dr J. Raczynski.



SIERPINSKI, WACLAW Sierpiński, Waciaw Sur la non-invariance (opologique de la propriété 1. Fund. Math. 33, 264-265 (1945). L'auteur étudie i si relations entre diverses propriétés des ensembles linéaires proprieté à de C. Kuratowski [Fund. STERPINSKI, VACLAW On topological Mon-Inversant Math. 21, 127–128 (1933)], propriété à définie par l'auteur [C. R. Soc. Sci. lett. Varsovie 30, 257–259 (1937)], et ensemble concentri de A. S. Besicovitch [Acta Math. 62, 289-300 (1934)]. Un ensemble E est dit jouir de la propriété λ si pour tout dénombrable D contenu dans E il existe un G, contenant D et dont l'intersection avec E se réduit à D. La propriété λ' se definit en supprimant dans l'énoncé de λ "contenu dans E." Un ensemble E est dit concentré s'il existe un dénombrable D tel que tout ouvert contenant D contient E à un dénombrable près. L'auteur établit d'abord que à équivaut à la condition de ne contenir aucune partie non dénombrable concentrée. Il démontre ensuite que, contrairement à λ, la propriété λ' ne se conserve pas par une homéomorphie sur E. Il utilise pour cela le résultat suivant de F. Rothberger, énoncé sans résérence. Il existe un ensemble concentré II formé de nombres irrationnels qu'on peut appliquer d'une manière biunivoque et coatinue sur un intervalle fermé. Les démonstrations font appel à l'hypothèse du continu. En terminant, l'auteur introduit la propriété \(\lambda'\) relative au plan et la relie R. de Possel (Alger). à la précédente. No. 3 Vol 8, Mathematical Reviews, Source:

SIERPINSKI, WACKAW

Sierpiński, Waciaw. Sur deux conséquences d'un théorème de Hausdoill. Fund. Math. 33, 269-272 (1945).

[MF 16877] Without the hypothesis of the continuum, F. Hausdorff demonstrated that the line is a sum of a transfinite series of type Ω of actually increasing G_{δ} sets. Using this theorem, Sierpiński shows that (1) there is a linear set E such that D linear and denumerable implies D is a G_{δ} relative to E+D; (2) there is a decomposition of the line into nonempty disjoint $F_{\delta\delta}$ sets. Both results were previously known under the hypothesis of the continuum. There is a discussion of the relation of these results to others and it is pointed out that it is still not known whether, without the hypothesis of the continuum, $F_{\delta\delta}$ can be replaced in statement (2) by $G_{\delta\delta}$.

J. P. Randolph (Oberlin, Ohio).

bource: Mathematical Reviews,

Vol 8, No.3

SIERPINSKI, WALLAW

*Sierpiński, Waciaw. Zasady Algebry Wyższej. [Principies of Higher Algebra]. With an appendix by Audrzej. Mostowski: Outline of Calois Theory. Monografie Matematyczne, vol. 11. Warszawa-Wrocław, 1946. xii+437 pp. (Polish).

pp. (Polish) to This textbook covers in a very thorough but elementary way the basic facts of classical algebra, leading up and into modern algebra. It stops short of ideal theory. The list of chapter headings with brief comments in parentheses should give an idea of the scope of the book. (I) Permutations, (II) Determinants, (III) Solution of linear equations, (IV) Linear transformations, (V) Matrices, (VI) Complex numbers, (VII) Proof of the fundamental theorem of algebra, (VIII) Polynomials (arithmetic of polynomials in the complex ciomain, interpolation formulae, decomposition of rational functions into simple fractions), (IX) Symmetric polynomials, (X) Equations of the 2d, 3d, and 4th degree,

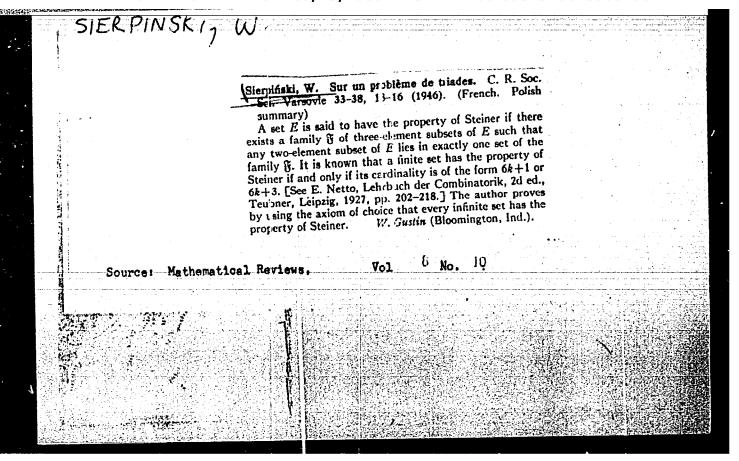
(X4) Equations of the division of the circle (roots of unity), (X11) Algebraic numbers (in the field of complex numbers), (X111) Number fields (in the complex domain), (X1V) Impossibility proofs (trisection and similar topics), (XV) Systems of two algebraic equations, (XVI) Calculation of reots of algebraic equations (Sturm's and Newton's methods), (XVII) General theory of operations (abstract theory of binary operations), (XVIII) Substitutions, (X1X) Grouns, (XX) Generalization of number fields (abstract fields).

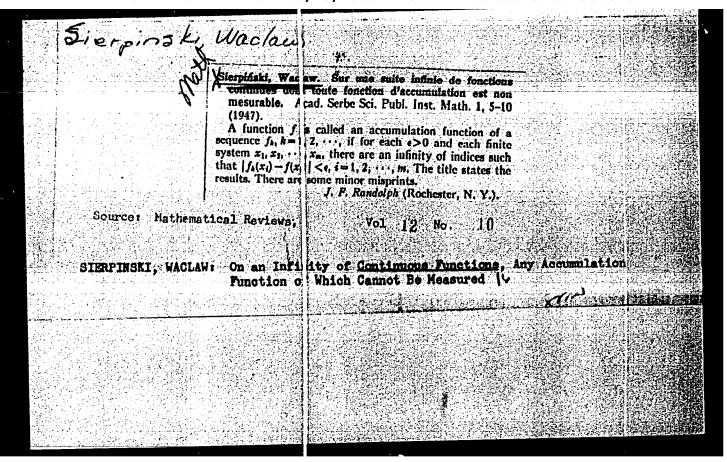
The appendix by Mostowski gives a fucid and elementury account of Galois theory. The definition of the Galois group (separable case) is by means of substitutions on the reads of a polynomial. The fundamental theorem of Galois discover and its application to the solution of equations are treated.

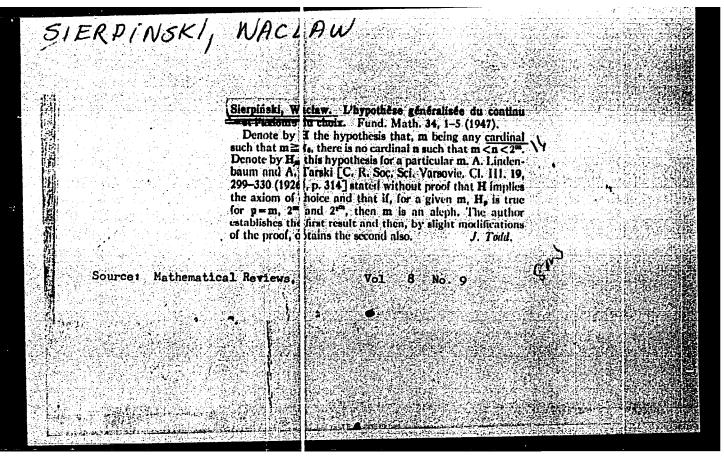
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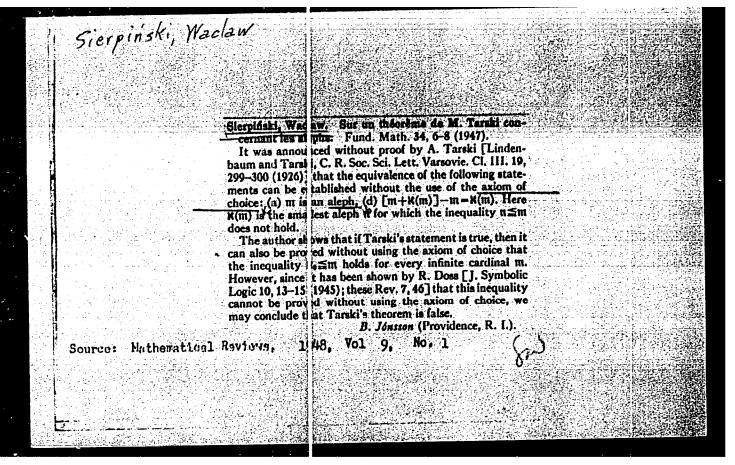
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Vol "No.









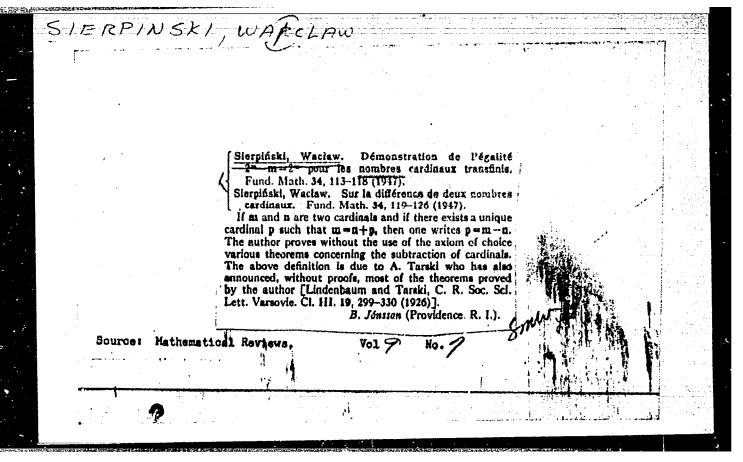
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iden.			Sierpiński, Wi	claw. Sur un ensemble plan qui se décom-		
• .				ensembles disjoints superposables avec lui.		
				34, 9-13 (1947).		· 1777年
1			I'rooi, withe	at use of the axiom of choice (multiplicative		
			axiom) of the	following theorem. If E is any given set of it the interval 0≤1<1, and 0eE, one may		
			real numbers	he a planar set P, and a decomposition r		
1		and the second second	of P into k di	joint subsets, where k is the cardinal of E,		
4			such that eve	ry constituent of r is congruent to P (in		
			the Euclidean	sense of superposition). A. Lindenbaum an-	را دوا د ده او دو دور د دود دود. پاسختر پروجو و را د داد و مور ما توجوع	
			nounced this n	sult without proof [Lindenbaum and Tarski,		
			C. R. Soc. Sci	Lett. Varsovie. Cl. 111. 19, 299-330 (1926);		
29.0			p. 327] as a	here existence theorem, asserting its prova-		. 15 - J. 1. 18 2
				aid of the axiom of choice. The proof utilizes		
			the function			
				$f(t) = \sum_{n=0}^{\infty} 2^{n \cdot n \cdot n} - 2^{n \cdot n}$		
			where Ex den	tes the largest integer not exceeding x, and a		
			result of von	Neumann on the algebraic independence of		
			any finite set	if distinct values of $f(t)$, for $t>0$. By a modi-		ALC: NOW
			fication of the	argument, the author shows how to define		
			effectively a	ondenumerable planar set which is the dis-	k onstanta da Parata K oma	
			joint sum of 2	subsets, each congruent with it, thus solving Steinhaus. H. Blumberg.		
			a proviem of		CM	
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			that $E \not= H$ and i	f such that $f(E) \not= H$ for all E , ill feF. The proof does not concound theorem of the same gene E , Hewitt (Chicago	sider one eral char-	
			in M or not in M	of functions defined on M (wi	th values consisting	
			The author prinfinite set of care	wes the following theorem: if in a number m and F is a famile	M is an	
و مناون			TIADS OF THE SAME	v. Deux théorèmes sur les fa 4 Fund. Math. 34, 30-33 (1947		
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sequence of the special case of the axiom of choice concerned with selection from classes of couples. Source: Mathematical Review	Taxiome D. König axiom of cl exists betwee be set up be spondent in in the (n, n) of this resul axiom of ch axiom, of t	Waciaw: Les correspondances multivoques et in choix. Fund. Math. 34, 39-44 (1947). [Fund. Math. 8, 114-134 (1926)], using the olce, showed that if an (n, n) correspondence can two sets then n (1, 1) correspondence can tween these sets in such a way that the correspondence. It is now shown that a proof in the case n = 2 which does not appeal to the pice would imply a proof, without use of this ce existence of a set not measurable-L. It is the special case n = 2 of König's result is a con-
	sequence of	he special case of the axiom of choice concerned from classes of couples. J. Todd,

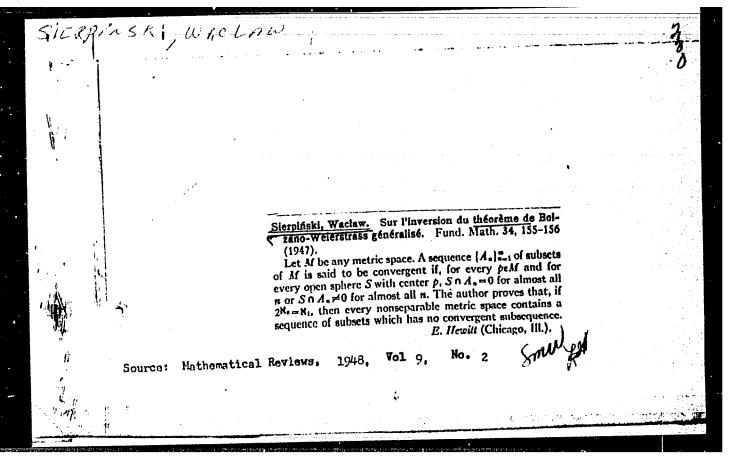
Sierpinski, Wacker Sierpiński, Waciaw. Sur un problème concernant le crible de M. Lusin. Fund. Math. 34, 69-71 (1947). A sieve can be regarded as a function E(r) associating a set E(r) with each rational r. Its nucleus is the set $K_r(E(r)) = \sum \prod_i E(r_i)$, where the summation is over all decreasing sequences $[r_i]$. Consider E(u, v), a function assoclating a set E(u, v) with each pair of rationals u, v. Write $E(u) = K_*(E(u, v)), E = K_*(E(u))$. Kuratowski suggested the problem: do there exist functions $\phi(r)$, $\psi(r)$, associating rational's with the rational r, such that if $E(r) = E(\phi(r), \psi(r))$ then $E = K_r(E(r))$? It is shown that the answer is in the Denote by $K(\Phi)$ the class of all sets $K_r(E(r))$ where the negative. E(r) are sets of a class Φ . It is known that $KK(\Phi) = K(\Phi)$ whenever h is a (finitely) multiplicative class. This result is not, however, true for arbitrary classes. J. Todd. Source: Hathematical Reviews.

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SIERPINSKI,	WACLAW		All the light of		• • • •
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Sierpinski, Waclaw

Sierpiński, Wacław. Sur une proposition qui entraine Texistence des ensembles non mesurables. Fund. Math. 34, 157-162 (1947).

The main concern of the author is to obtain certain known results without the use of the axiom of choice. He starts with proposition P: A "one-valued" image B of a set A (i.e., each element of A has a unique mate in B) is not of higher cardinal than A. On the basis of P, he proves successively, without resort to the axiom of choice, that: (1) $\aleph_1 \leq 2\aleph_2$; (2) if $2\aleph_2$ is the sum of 2 cardinals, at least one of them equals 280; (3) there exists a linear nondenumerable set containing no (nonnull) perfect set; (4) there exists a linear (Lebesgue) nonmeasurable set. The reasoning utilizes bebesque's decomposition of an interval into Ri (nonnull) disjoint sets [J. Math. Pures Appl. (6) 1, 139-216 (1905), p. 213]; and the author's result [Mathematica, Cluj 3, 30-32 (1930)] that if we can determine a linear order for the "Vitali classes" V (of real numbers), then we can define a (Lebesgue) nonmeasurable set; here V is a set consisting of all the real numbers which differ from a fixed real number by a rational amount. It is additionally shown that the axiom of choice is equivalent to the following proposition: of two sets, at least one is a one-valued image of the other. H. Blumberg (Columbus, Ohio).

Source: Mathematical Reviews,

Vol 9 No.

SIERPINSKI, W.

Author: Sierpinski, W.

Title: Textbook of Introductory Elementary Functions.

267 pp.

Date: 1948. Warsaw

Subject: 1. Functions. 2. Calculus, differential

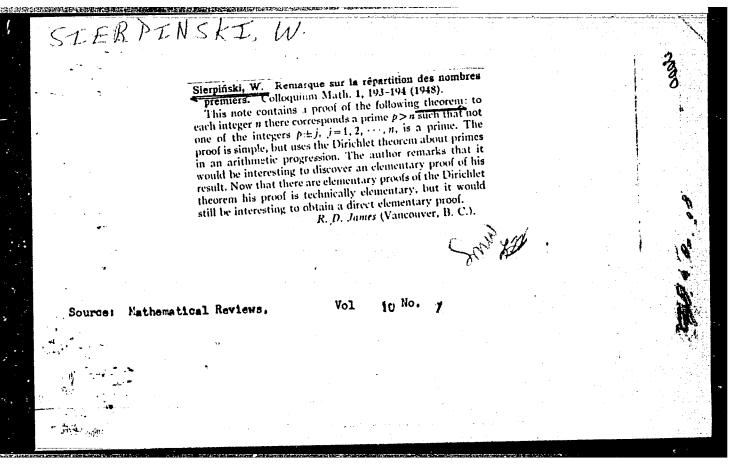
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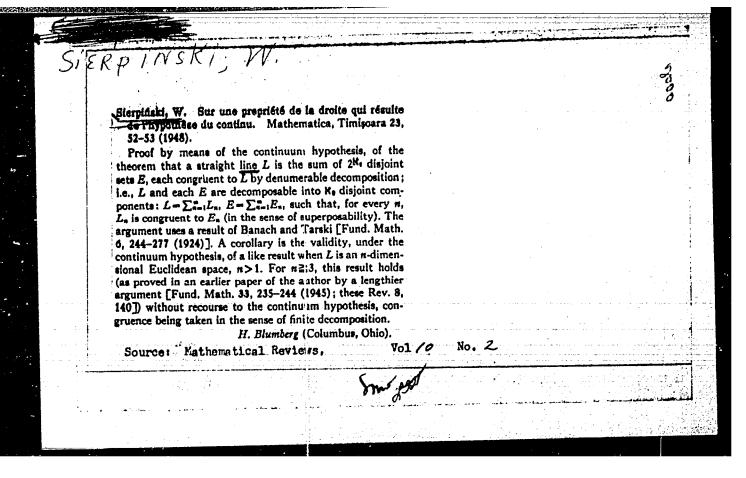
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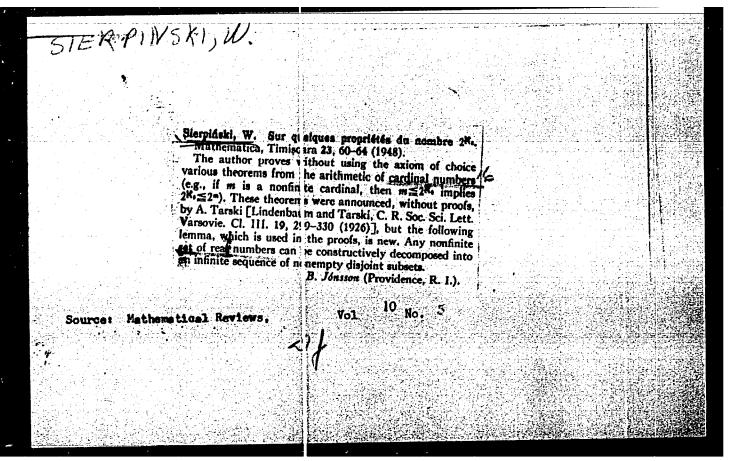
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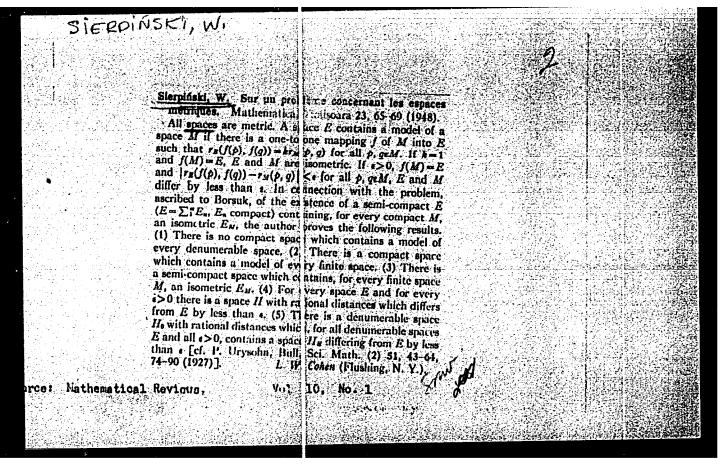
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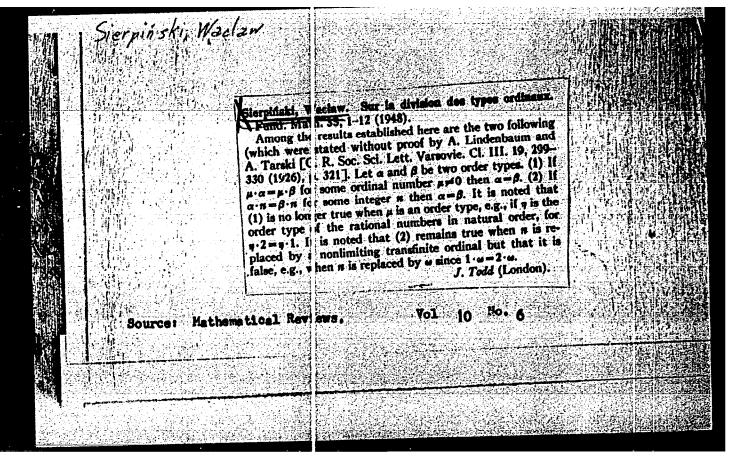


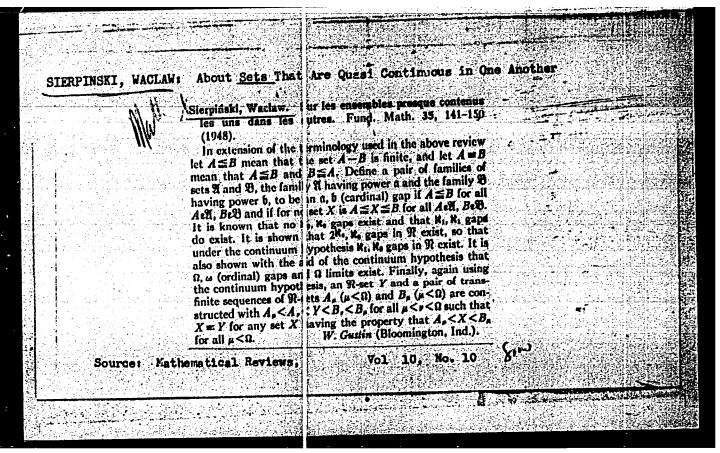


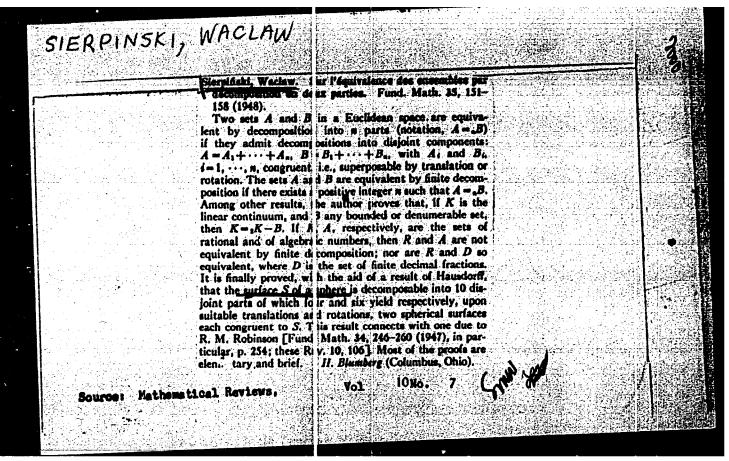


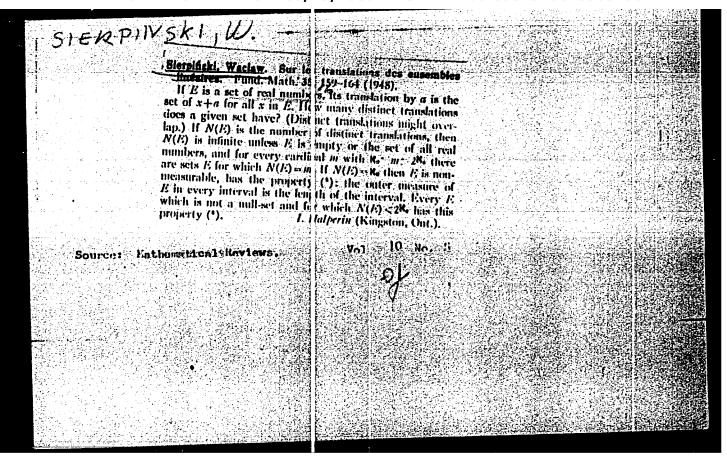


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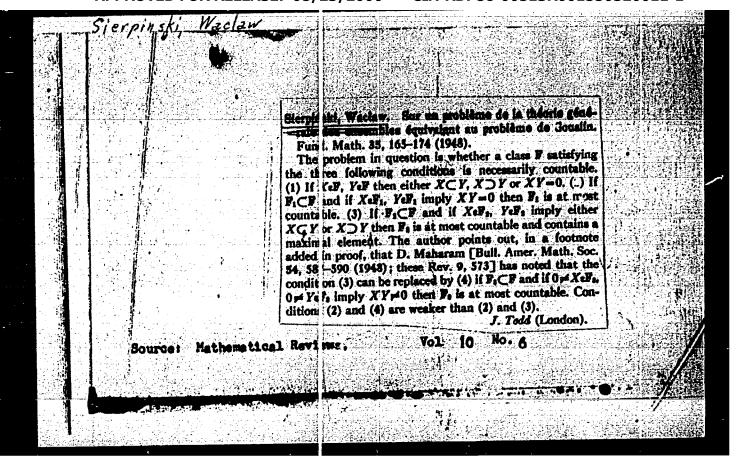


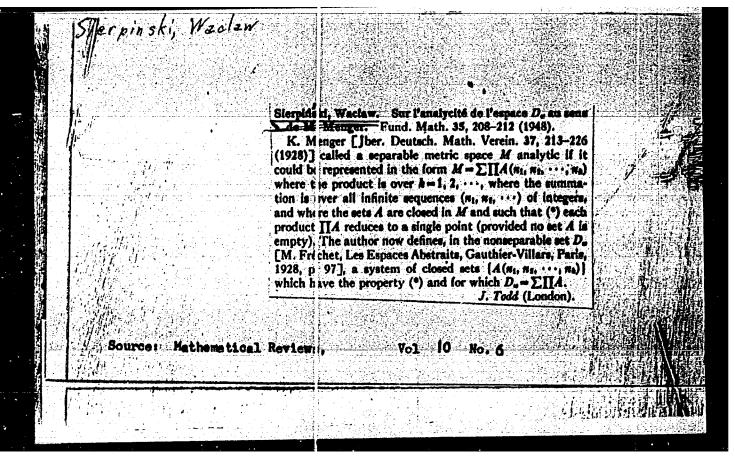




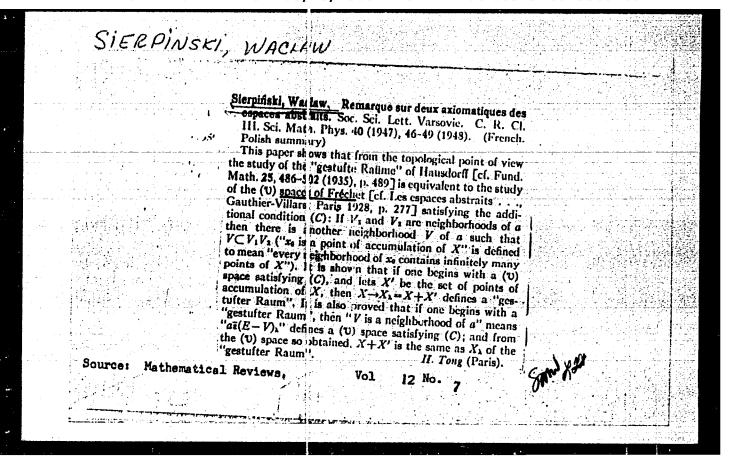


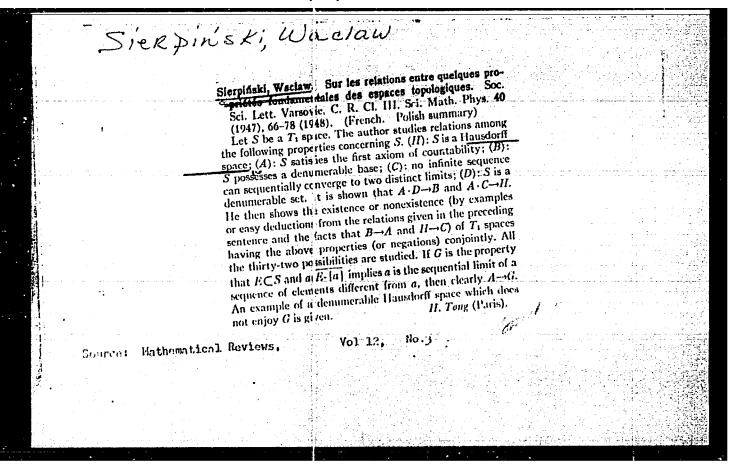
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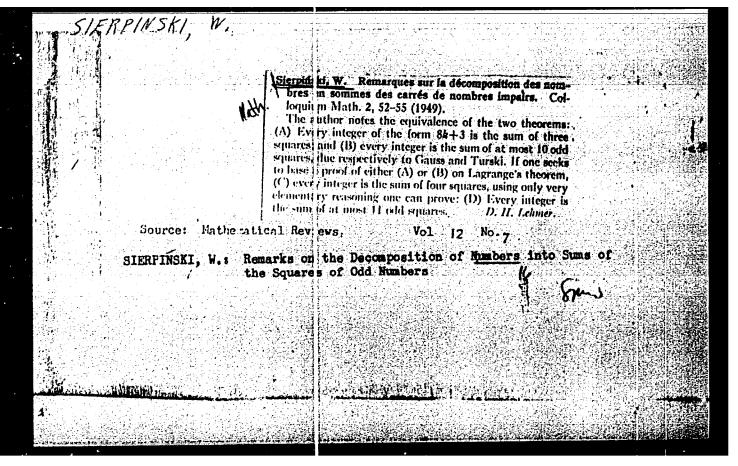


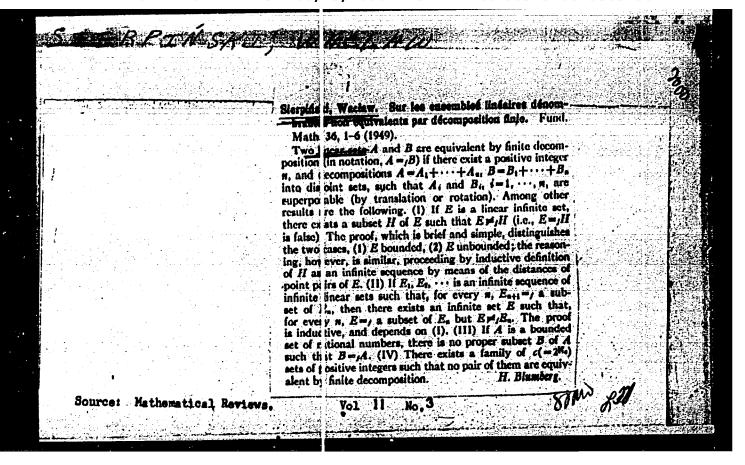


Wall Sieppi	ski, Walu
Sierpiński, Waciaw. Exemple effectif d'une 1213-216 (1948). The object of this note is to define effectively of ε (=2%) linear, increasing sets (i.e., such these sets is a sub- or superset of each of the ochief aid is the following lemma, whose proof is tion of an idea of Lebesgue [J. Math. Pures 139-216 (1905), in particular, p. 213]. One cat define a function $f(D)$ which mates with each constant $f(D)$ such that $f(D)$ and $f(D')$ whenever $f(D)$ such that $f(D)$ and $f(D')$ whenever $f(D)$ and $f(D')$ are distinct. The proof considering the infinite sequence $f(D)$ and representing an irrational $f(D)$ and $f(D)$ and representing an irrational $f(D)$ and $f(D)$	maille de Math. 35. In family P at each of each of thers). The according to magnitude. If, now, D is a denumerable set of according to magnitude. If, now, D is a denumerable set of ordinals greater than ω and less than Ω , $f(D)$ is defined as ordinals greater than ω and less than Ω , $f(D)$ is defined as the set of all the irrationals x , $0 < x < 1$, such that the set of the set of effectively enumerable Ω a linear, are disjoint with $k = 1, 2, \cdots$, is identical with D except permissibly for the order of its terms: It follows at once from the result of the order of its terms: It follows at once from the result of this note, by the adjunction of the continuum hypothesis this note, by the adjunction of the c
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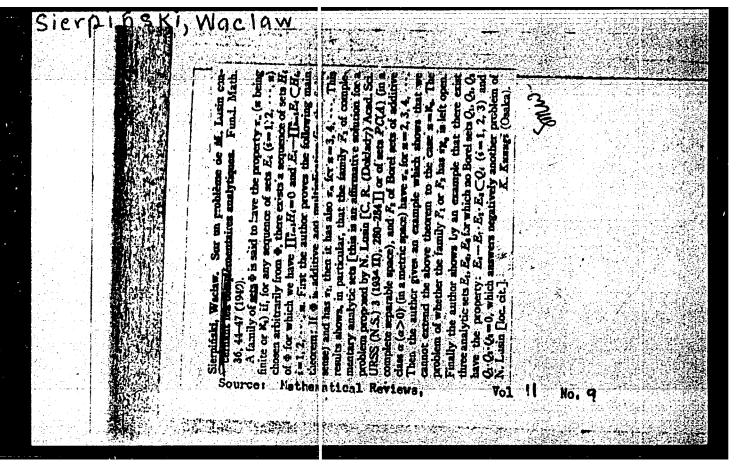


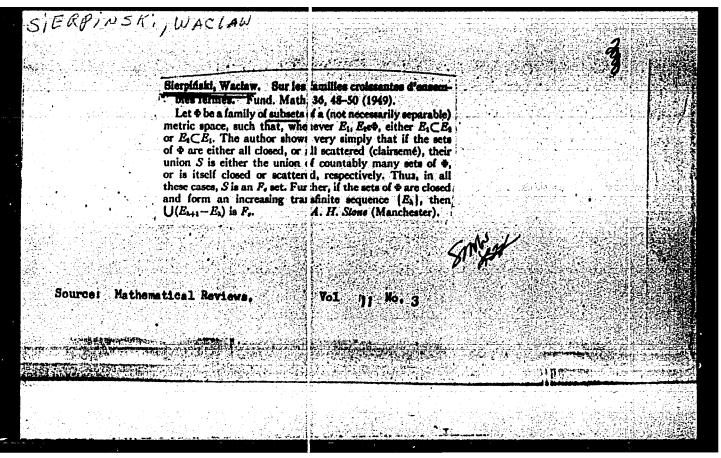


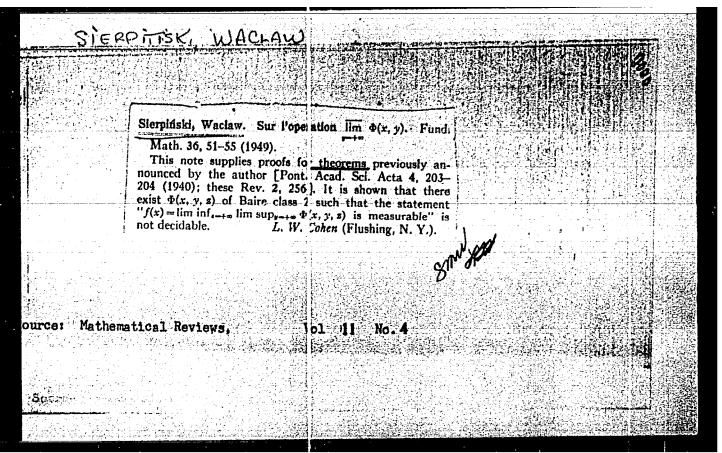


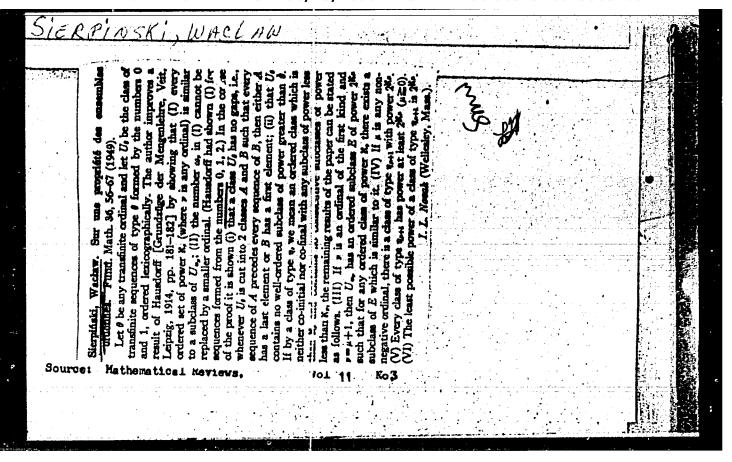


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Sierpiński, Waclaw

Sierpi. ki, Waclaw. Sur la décomposition des espaces métriques en ensembles disjoints. Fund. Math. 36, 68-71 (1949).

Let M be a metric space such that every (nonempty) open set in M contains at least make points. Then M is the sum of m disjoint sets each of which contains at least in points of each open subset of M. This is the solution, for the metric case, of the problem of "determining the largest number of disjoint dense subsets possible in a resolvable space," proposed by E. Hewitt [Duke Math. J. 10, 309-333 (1943); these Rev. 5, 46; a space is resolvable if it is the sum of two disjoint dense sets]. For $m = \aleph_0$, it reduces to the statement that every metric space M which is dense in itself is the sum of an infinite sequence of disjoint dense sets. A set is condensed if each of its open subsets is uncountable. The theorem given above implies that every condensed metric space is a sum of uncountably many disjoint condensed sets each of which is dense in the space. E. E. Moise (Princeton, N. J.).

inceton, N. J.).

Source: Mathematical Reviews, 1970 Vol 11 No. 2

SIERPINSKI, W.

Sierpiński, W., and Singh, A. N. On derivates of discontinuous functions. Fund. Math. 36, 283-287 (1949).

The authors prove the following results. (i) There exists a function f(x), continuous on the right but discontinuous at an everywhere dense set, such that everywhere the lower right derivate of f(x) is zero. (The construction depends on the expression of f(x) in the scale of 3 defined in terms of the expression of x in the scale of 2.) (ii) If a function has a finite right hand differential coefficient everywhere, the discontinuities of the function form a nondense set. The use of the symbol $f'_{+}(x)$ to denote both the lower right derivate and also (in the latter part of the paper) the right hand differential coefficient may cause some trouble to the reader.

U. S. Haslam-Jones (Oxford).

Source: Mathematical Reviews.

Vol 12. No. 2